



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Woolsey Operating Company

Diel D#4

125 N Market Ste 1000
Wichita KS 67202

16 34s 11w Barber

ATTN: Scott Alberg

Job Ticket: 37539

DST#: 1

Test Start: 2010.09.21 @ 05:43:13

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:38:43

Time Test Ended: 15:45:13

Test Type: Conventional Bottom Hole

Tester: Esak Hadley

Unit No: 34

Interval: 4475.00 ft (KB) To 4600.00 ft (KB) (TVD)

Reference Elevations: 1340.00 ft (KB)

Total Depth: 4600.00 ft (KB) (TVD)

1331.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 6753 Outside

Press @ Run Depth: 132.13 psig @ 4476.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.09.21

End Date:

2010.09.21

Last Calib.:

2010.09.21

Start Time: 05:43:18

End Time:

15:45:13

Time On Btm:

2010.09.21 @ 08:35:13

Time Off Btm:

2010.09.21 @ 13:13:13

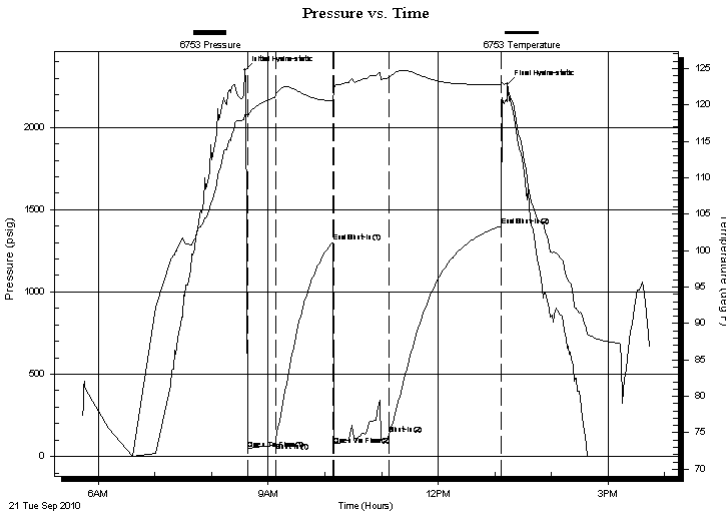
TEST COMMENT: IF Fair to strong blow BOB in 4 min.

ISI No blow .

FF Strong blow . BOB in 2 sec.

FSI No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2346.76	118.60	Initial Hydro-static
4	45.98	118.56	Open To Flow (1)
33	87.59	121.23	Shut-In(1)
93	1302.08	120.58	End Shut-In(1)
95	66.04	122.17	Open To Flow (2)
153	132.13	123.81	Shut-In(2)
272	1399.84	122.83	End Shut-In(2)
278	2261.83	123.09	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	drlg mud w/ oil specs	0.31
77.00	drlg mud	0.38

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



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FLUID SUMMARY

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Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5600.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
63.00	drlg mud w / oil specs	0.310
77.00	drlg mud	0.379

Total Length: 140.00 ft

Total Volume: 0.689 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

